



PTO/SB/08a/b (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete If Known		
			Application Number	10/824793	
			Filing Date	April 14, 2004	
			First Named Inventor	James J. Modliszewski	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	10884-00018-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (# known)			
<i>SH</i>		3,962,482	6/8/1976	Uniroyal, Ltd.	
<i>SH</i>		3,956,173	5/11/1976	Hercules Incorporated	
<i>SH</i>		4,443,486	4/17/1984	FMC Corporation	
<i>SH</i>		4,096,327	6/20/1978	FMC Corporation	
<i>SH</i>		5,002,934	3/26/1991	Norton et al	
<i>SH</i>		5,051,304	9/24/1991	Societe Anonyme	
<i>SH</i>		5,264,223	11/23/1993	Japan Elanco Company, Ltd.	
<i>SH</i>		5,614,217	3/25/1997	R.P. Scherer Corporation	
<i>SH</i>		5,342,626	8/30/1994	Merck & Co., Inc.	
<i>SH</i>		5,431,917	7/11/1995	Japan Elanco Company, Ltd.	
<i>SH</i>		5,756,123	5/26/1998	Japan Elanco Co., Ltd.	
<i>SH</i>		5,820,757	4/15/1997	Mitsubishi Rayon Co., Ltd.	
<i>SH</i>		5,342,626	8/30/1994	Merck & Co., Inc.	
<i>SH</i>		5,089,307	2/18/1992	Mitsubishi Rayon Co., Ltd.	
<i>SH</i>		5,569,466	10/29/1996	R. P. Scherer Corporation	
<i>SH</i>		5,820,259	10/13/1998	Q-Jet DSI, Inc.	
<i>SH</i>		6,375,981	4/23/2002	A. E. Staley Manufacturing Co.	
<i>SH</i>		6,099,876	8/8/2000	Yissum Research Development Co. of the Hebrew University	
<i>SH</i>		6,214,376	4/10/2001	Banner Pharmacaps, Inc.	
<i>SH</i>		6,326,028	12/4/2001	Monsanto Company	
<i>SH</i>		6,331,205	12/18/2001	Laurence Paris	
<i>SH</i>		6,340,473	1/22/2002	R.P. Scherer Technologies, Inc.	
<i>SH</i>		6,582,727	6/24/2003	R.P. Scherer Technologies, Inc.	
<i>SH</i>		6,375,981	4/23/2002	A. E. Staley Manufacturing Co.	
<i>SH</i>		6,635,275	10/21/2003	Warner-Lambert Company	
<i>SH</i>		2002/0122822	9/5/2002	Bunick et al	
<i>SH</i>		2003/0211146	11/13/2003	Scott et al	
<i>SH</i>		2003/0084641	5/8/2003	Tanner et al	
<i>SH</i>		2003/0085487	5/5/2003	Tanner et al	
<i>SH</i>		2003/0138482	7/24/2003	Fonkwe et al	
<i>SH</i>		2004/0052839	3/18/2004	Archibald et al	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ³ -Number ⁴ -Kind Code ⁵ (# known)				
SH		JP 3-53873	1991	Kotobuki Academy		X
		JP 3-12231	1991	Kotobuki Academy		X
		JP 62-186754	1987	Unicolloid Inc.		X
SH		JP 60-55039	1985			
		JP 63-164858	1988	Unicolloid Co. Ltd.		X
		WO 00/36930	06/29/2000	The Monsanto Company		
		WO 01/92401	12/6/2001	A.E. Staley Manufacturing Co.		
		WO 01/92400	12/6/2001	A.E. Staley Manufacturing Co.		
		WO 03/009832	2/6/2003	R.P. Scherer Holdings Pty Ltd		

Examiner Signature	<i>E. M. M.</i>	Date Considered	2/24/06
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Substitute for form 1449A/B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/824793
			Filing Date	April 14, 2004
			First Named Inventor	James J. Modliszewski
			Art Unit	Not Yet Assigned
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	10884-00018-US
Sheet	2	of	2	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>W</i>		Eleya, et al., "Rheology of k-carrageenan and B-lactoglobulin mixed gels", Food Hydrocolloids, vol. 14, pages 29-40, 2000.	
<i>W</i>		Falshaw et al., "Structure and performance of commercial kappa-2 carrageenan extracts I. Structure analysis", Food Hydrocolloids, vol. 15, pages 441-452; 2001.	
<i>W</i>		Villanueva et al., "Structure and functional performance of gartinacean kappa-iota hybrid carrageenan and solieriacean kappa-iota carrageenan blends", Food Hydrocolloids. Vol. 18, pages 283-292; 2004.	
<i>W</i>		Bixler et al., "Kappa-2 carrageenan: structure and performance of commercial extracts II. Performance in two simulated dairy application", Food Hydrocolloids, vol. 15, pages 619-630; 2001.	
<i>W</i>		van de Velde et al., "On the structure of k/i-hybrid carrageenans", Carbohydrate Research, vol. 331, pages 271-283, 2001.	
<i>W</i>		Gums and Stabilisers for the Food Industry; "Liquid Core Hydrocolloid-Oil Capsules"; pages 324-332. <i>Nussinovitch et al</i>	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature	<i>E. White</i>	Date Considered	2/24/2006
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Sheet	1	of	1	Attorney Docket Number	10884-00018-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 60-55039	03-29-1985	Mitsubishi Acetate Co., Ltd.		X

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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Examiner Signature	<i>E. Monte</i>	Date Considered	2/24/2006
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PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/824793-Conf. #6666
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First Named Inventor	James J. Modliszewski
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	10884-00018-US

U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
AW	AA*	US-2005/0037064	02-17-2005	Basquin et al.	
AW	AB	US 6,340,473	01-22-2002	Tanner et al.	
AW	AC	US 6,582,727	06-24-2003	Tanner et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
AW	BA	JP-01-143827	06-06-1989	Fuji Capsule K.K.		
AW	BB	JP-05-43471	02-23-1993	Alfa Wasserman Spa		
AW	BC	JP-09-25228	01-28-1997	Eisai Co., Ltd.		
AW	BD	JP-2001-39863	02-13-2001	Fuji Oil Co., Ltd.		
AW	BE	JP-2003-299714	10-21-2003	Fuji Capsule KK		
AW	BF	JP-2003-504326	02-04-2003	R. P. Scherer Technologies, Inc.		See BK
AW	BG	JP-2004-167084	06-17-2004	Ina Food KK		
AW	BH	JP-2005-112849	04-28-2005	Fuji Capsule KK		
AW	BI	JP-2005-508359	03-31-2005	Innogen AG		
AW	BJ	JP-2005-519255	05-12-2005	Ulice and Pierre Fabre Medicament		See AA
AW	BK	WO-01/03677	01-18-2001	R. P. Scherer Technologies, Inc.		
AW	BL	WO-03/035044	05-01-2003	Innogen AG		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

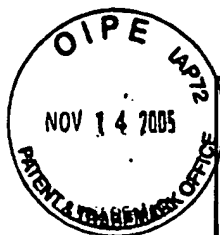
NON PATENT LITERATURE DOCUMENTS

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AW	CA	JP01-143827 - English Abstract (Micropatent) and partial English translation	
AW	CB	JP05-43471 - English Abstract (Micropatent) and partial English translation	
AW	CC	JP09-25228 - English Abstract (Micropatent) and partial English translation	
AW	CD	JP2001-39863 - English Abstract (Micropatent) and partial English translation	
AW	CE	JP2003-299714 - English Abstract (Micropatent) and partial English translation	
AW	CF	JP2004-167084 - English Abstract (Micropatent) and partial English translation	
AW	CG	JP2005-112849 - partial English translation	
AW	CH	JP2005-508359 - partial English translation	

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Examiner Signature	<i>E. J. [Signature]</i>	Date Considered	2/24/2006
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				Art Unit	N/A
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Sheet	1	of	4	Attorney Docket Number	10884-00018-US

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		Number-Kind Code ² (if known)			
<i>[initials]</i>	AA	2,802,000	8/6/1957	Caldwell et al.	
<i>[initials]</i>	AB	2,813,093	11/12/1957	Caldwell et al.	
<i>[initials]</i>	AC	2,825,727	3/4/1958	C. G. Caldwell	
<i>[initials]</i>	AD	2,876,217	3/3/1959	E. F. Paschall	
<i>[initials]</i>	AE	3,058,827	10/16/1962	J. L. Graham	
<i>[initials]</i>	AF	3,094,517	6/18/1963	N. F. Stanley	
<i>[initials]</i>	AG	3,176,003	3/30/1965	D. J. Stancioff	
<i>[initials]</i>	AH	3,329,509	7/4/1967	A. Julius	
<i>[initials]</i>	AI	3,378,546	4/16/1968	T. Tsuzuki	
<i>[initials]</i>	AJ	3,499,962	3/10/1970	Warzburg et al.	
<i>[initials]</i>	AK	3,505,110	4/7/1970	Kesler et al.	
<i>[initials]</i>	AL	3,607,394	9/21/1971	F. J. Germino et al.	
<i>[initials]</i>	AM	3,865,603	2/11/1975	Szymanski et al.	
<i>[initials]</i>	AN	4,009,291	2/22/1977	Mitchell et al.	
<i>[initials]</i>	AO	4,026,986	5/31/1977	Christen et al.	
<i>[initials]</i>	AP	4,129,134	12/12/1978	Hind et al.	
<i>[initials]</i>	AQ	4,231,803	11/4/1980	Bovier et al.	
<i>[initials]</i>	AR	4,276,320	6/30/1981	A. Moirano	
<i>[initials]</i>	AS	4,600,439	7/15/1986	Schneider et al.	
<i>[initials]</i>	AT	4,615,897	10/7/1986	Brown et al.	
<i>[initials]</i>	AU	4,626,288	12/2/1986	Trzasko et al.	
<i>[initials]</i>	AV	4,632,848	12/30/1986	Gassett et al.	
<i>[initials]</i>	AW	4,643,894	2/17/1987	S. C. Porter et al.	
<i>[initials]</i>	AX	4,725,441	2/16/1988	S. C. Porter	
<i>[initials]</i>	AY	4,738,724	4/19/1988	Wittwer et al.	
<i>[initials]</i>	AZ	4,795,642	1/3/1989	Cohen et al.	
<i>[initials]</i>	ABA	4,828,841	5/9/1989	S. C. Porter	
<i>[initials]</i>	ABB	4,935,243	6/19/1990	Borkan et al.	
<i>[initials]</i>	ABC	5,089,307	2/18/1992	H. Ninomiya et al.	
<i>[initials]</i>	ABD	5,146,730	9/15/1992	Sadek et al.	
<i>[initials]</i>	ABE	5,224,989	7/6/1993	Eva Likarova	
<i>[initials]</i>	ABF	5,334,640	8/2/1994	Desai et al.	
<i>[initials]</i>	ABG	5,342,626	8/30/1994	P. E. Winston, Jr. et al.	
<i>[initials]</i>	ABH	5,451,673	9/19/1995	Fishman et al.	
<i>[initials]</i>	ABI	5,484,598	1/16/1996	Schurig et al.	
<i>[initials]</i>	ABJ	5,549,983	8/27/1996	J. Yamanis	
<i>[initials]</i>	ABK	5,525,368	6/11/1996	Rha et al.	
<i>[initials]</i>	ABL	5,550,178	8/27/1996	Desai et al.	
<i>[initials]</i>	ABM	5,554,385	9/10/1996	N. Stroud	
<i>[initials]</i>	ABN	5,587,412	12/24/1996	G. Bochers et al.	
<i>[initials]</i>	ABO	5,620,757	4/15/1997	H. Ninomiya et al.	
<i>[initials]</i>	ABP	5,646,206	7/8/1997	D. R. Coffin et al.	
<i>[initials]</i>	ABQ	5,656,294	8/12/1997	Friend et al.	
<i>[initials]</i>	ABR	5,672,699	9/30/1997	R. L. Billmers et al.	
<i>[initials]</i>	ABS	5,726,008	3/10/1998	J. E. Maskasky	

Examiner Signature	<i>[Signature]</i>	Date Considered	2/24/2006
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ABT	5,804,243	9/8/1998	Loh et al.	
ABU	5,811,388	9/22/1998	Friend et al.	
ABV	5,817,323	10/6/1998	Hutchinson et al.	
ABW	5,932,639	8/3/1999	Eden et al.	
ABX	5,976,586	11/2/1999	L. Feller	
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ACD	6,210,709	4/3/2001	Laba et al.	
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ACF	6,331,205	12/18/2001	L. Paris	
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ACI	6,479,649	11/12/2002	Tsai et al.	
ACJ	6,517,865	2/11/2003	Cade et al.	
ACK	6,528,088	3/4/2003	Gilleland et al.	
ACL	6,607,748	8/19/2003	V. Lenaerts et al.	
ACM	6,649,188	11/18/2003	Gilleland et al.	
ACN	6,790,495	9/14/2004	Tomka et al.	
ACO	2002/0081331	6/27/2002	K. E. Tanner et al.	
ACP	2002/0142031	10/3/2002	G. M. Gilleland et al.	
ACQ	2003/0196482	7/24/2003	L. G. Fonkwe et al.	
ACR	2004/0087669	5/6/2004	S. Hausmanns et al.	
ACS	2005/0069579	3/31/2005	R. Kamauchi et al.	
ACT	2005/0070703	3/31/2005	R. Muller et al.	
ACU	2005/0163833	7/28/2005	R. Muller	

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BA	EP 0 169 319			1/29/1986	Berwind Pharmaceutical Services, Inc.	
BB	EP 0 400 484			12/5/1990	Mitsubishi Rayon Co., LTD	
BC	EP 0 408 503			1/16/1991	Warner-Lambert Company	
BD	EP 0 409 781			1/23/1991	Warner-Lambert Company	
BE	EP 0 409 782			1/23/1991	Warner-Lambert Company	
BF	EP 0 409 788			1/23/1991	Warner-Lambert Company	
BG	EP 0 471 558			2/19/1992	Unilever NV	
BH	EP 0 547 551			6/23/1993	National Search and Chemical Investment Holding Corporation	
BI	EP 0 606 486			7/20/1994	Teijin Limited	
BJ	EP 0 622 408			11/2/1994	CP Kelco ApS	
BK	EP 0 633 896			1/18/1995	National Search and Chemical Investment Holding Corporation	
BL	EP 0 761 691			3/12/1997	National Search and Chemical Investment Holding Corporation	

Examiner Signature	<i>E. White</i>	Date Considered	2/24/2006
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	BM	JP 5-4914	1/14/1993	Asahi Chemical Ind, Fuji Capsule KK	
	BN	JP 7-196478	8/1/1995	Sugii Hajime	
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NON PATENT LITERATURE DOCUMENTS				
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W	CA	de Vries J., "Interaction of carrageenan with other ingredients in dairy dessert gels", Gums and stabilisers for the food industry 11: proceedings of the 11th conference, Wrexham, vol. 11 (2002), no. -, pages 201-210, July 2001		
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Examiner Signature	E. White		Date Considered	2/24/2006

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/824793-Conf. #6666
				Filing Date	April 14, 2004
				First Named Inventor	James J. Modliszewski
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	10884-00018-US
Sheet	4	of	4		

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Sheet	1	of	1	Attorney Docket Number	10884-00018-US

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EW	AA*	US-2005/0089548	04-28-2005	Virgalitto et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	AA	US-20004/0180083	09-16-2004	Shiraishi	

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